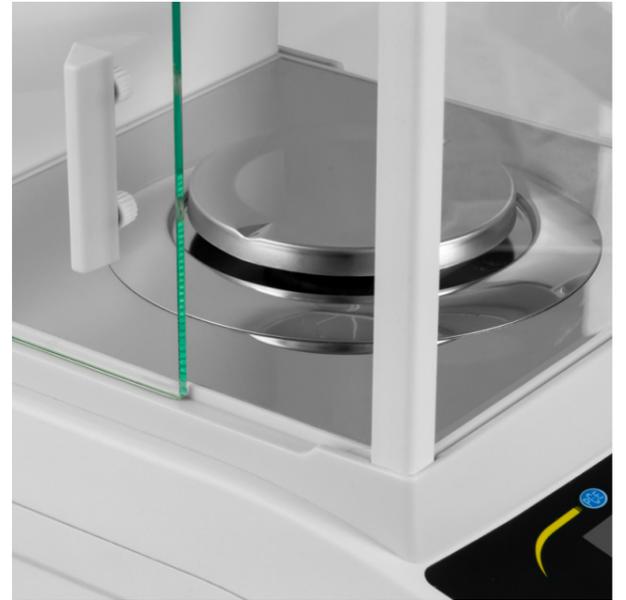


Density Determination Scale PCE-ABT 220-US



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Density determination scale with touch screen and windscreen / Weighing range up to 220 g / RS232 interface for connection to a PC / 5" touchscreen / Resolution 0.1 mg

The density determination scale is a high-precision density determination scale with a measuring range of up to 220 g. The density determination scale has a resolution of 0.1 mg. Due to this low resolution, even the smallest air turbulence in a room can influence the weighing result of the density determination scale. To counteract this, the density determination scale is equipped with a draft shield. As a result, the density determination scale with touchscreen is ideal for laboratory use. In order to carry out a precise weighing with the density determination scale, the draft shield is opened, the weighing sample is placed on the platform and then the draft shield, the density determination scale, is closed.

The weighing plate of the density determination scale has a diameter of 80 mm, so that, for example, aluminum sample or petri dishes used in the laboratory fit exactly onto the weighing pan. To ensure the long-term accuracy of the analytical balance, the balance is equipped with an internal calibration function. For the user, the touchscreen density determination scale, a single point calibration and multi-point calibration with external weights as well as a quick calibration with internal calibration weight are available.

It often happens that the background of the measurement setup is not even. Thanks to the built-in dragonfly and the adjustable feet, the density determination scale can also be set and aligned on sloping surfaces. With the built-in RS232 interface, a direct connection between the touchscreen density determination scale and a PC can be established. Thus, the measurement data from the density determination scale can be transferred directly to the PC and evaluated.

Particularly noteworthy about the density determination scale is the large LCD touch screen. The weighing result is shown here in large numbers on the 5" LCD display in units of g, oz, ct and mg. The flat surface of the touch screen, without mechanical buttons, makes it easier to clean the density determination scale, especially in laboratory applications.

- ▶ 5" touch screen
- ▶ Weighing range up to 220 g
- ▶ 0.1 mg resolution
- ▶ Piece counting, percent weighing, density determination
- ▶ RS232 data interface
- ▶ Level for aligning the scale
- ▶ Contact surface of 80 mm
- ▶ Windbreak
- ▶ Switchable units g, oz, ct, mg

Subject to change

Specifications

Measuring range	0 ... 220 g
Resolution	0.1 mg
Measurement accuracy	± 0.5 mg
Repeatability	± 0.2 mg
Linearity	± 0.5 mg
Calibration	Internally
Bearing surface	Ø 80 mm / 3.1 in stainless steel weighing plate
Settling	< 4 s
Adjustable units	g, oz, ct, mg
Environmental conditions	10 ... 40°C / 50 ... 104°F, <85% rh non-condensing
Touchscreen	5"
Interface	RS232
Power supply	220V / 110V AC
Dimensions	340 x 215 x 350 mm / 13.4 x 8.5 x 13.8 in
Weight	8.5 kg / 18.7 lbs

More information

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